

Cultural Institutions in Teacher Education (CITE) Partnership

The Peggy Notebaert Nature Museum

PARTNERSHIP OVERVIEW: The Chicago Academy of Sciences and its Peggy Notebaert Nature Museum Partnership Overview: Through the partnership with Loyola University Chicago, the Chicago Academy of Sciences and its Peggy Notebaert Nature Museum (PNNM) will

connect educational pedagogy and best practices in science teaching to real world contexts based on museum resources. By fostering connections to nature in an urban setting, PNNM encourages positive relationships between people and nature.

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TEACHER CANDIDATE ENGAGEMENT

During the academic year, teacher candidates will:

- Explore a diversity of inquiry-based educational programs, field trip experiences, and scientific resources through education programs, museum exhibits, citizen science projects, and the ITW David and Barbara Speer Teacher Leadership Center resources.
- Participate in citizen science projects as authentic education tools with real life, local contexts for students.
- Reflect on connections between the PNNM program inquiry model and other inquiry-based educational models.

INTENDED OUTCOMES

During the academic year, teacher candidates will:

- Connect formal education classroom teaching and learning to the informal education opportunities through resources, programs, and in- and out of school experiences.
- Acquire strategies and tools, including content knowledge, skills, museum resources and programming and supports, which they can apply in their future classrooms to increase student learning.
- Engage in teaching strategies based around exhibits, scientific work, and inquiry and object-based educational programs.

BROADER IMPACTS

As a result of the partnership, PNNM will:

- Increase teacher comfort and confidence in using cultural institutions to enhance teaching practices and student learning.
- Engage new teachers and schools in programming, partnerships, and use of museum resources.
- Deepen the partnerships with Loyola University, its School of Education, and other cultural institutions.
- Collaboratively foster connections between formal and informal learning across the Chicago education landscape.
- Connect existing educational supports in schools that both PNNM and Loyola candidates work in.